

A8395

Leader in Biomolecular Solutions for Life Science



## YTHDF3 Rabbit pAb

Catalog No.: A8395

14 Publications

### Basic Information

#### Observed MW

64kDa

#### Calculated MW

64kDa

#### Category

Polyclonal Antibody

#### Applications

WB,IHC-P,IF/ICC,IP,ELISA

#### Cross-Reactivity

Human,Mouse,Rat

### Background

This gene encodes a member of the YTH (YT521-B homology) domain protein family. The YTH domain is common in eukaryotes, is often found in the middle of the protein sequence, and may function in binding to RNA. Alternative splicing results in multiple transcript variants.

### Recommended Dilutions

**WB** 1:500 - 1:1000

**IHC-P** 1:100 - 1:500

**IF/ICC** 1:50 - 1:200

**IP** 0.5µg-4µg antibody for  
200µg-400µg extracts  
of whole cells

**ELISA** Recommended starting  
concentration is 1  
µg/mL. Please optimize  
the concentration  
based on your specific  
assay requirements.

### Immunogen Information

#### Gene ID

253943

#### Swiss Prot

Q7Z739

#### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-275 of human YTHDF3 (NP\_689971.4).

#### Synonyms

DF3; YTHDF3

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

Affinity purification

#### Storage

Store at -20°C. Avoid freeze / thaw cycles.

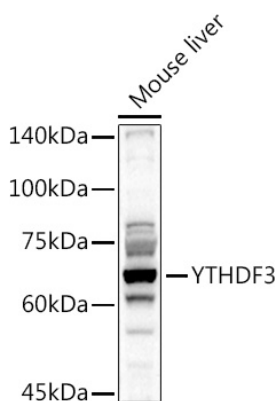
Buffer: PBS with 0.09% Sodium azide,50% glycerol,pH7.3.

### Contact



[www.abclonal.com](http://www.abclonal.com)

## Validation Data



Western blot analysis of lysates from Mouse liver, using YTHDF3 Rabbit pAb (A8395) at 1:1000 dilution.

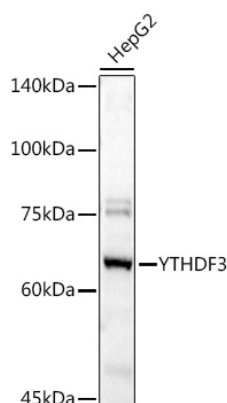
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 90s.



Western blot analysis of lysates from HepG2 cells, using YTHDF3 Rabbit pAb (A8395) at 1:1000 dilution.

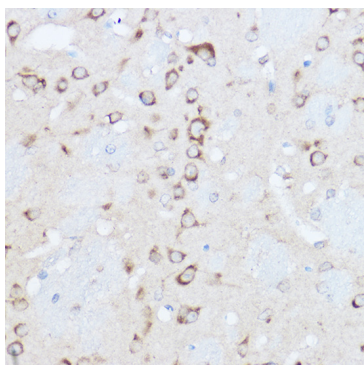
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

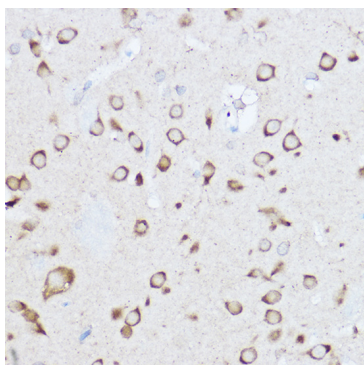
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

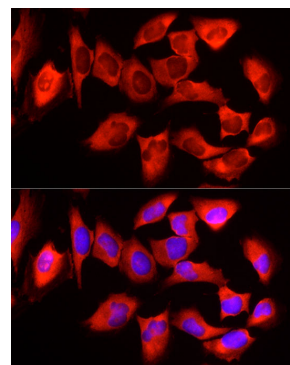
Exposure time: 90s.



Immunohistochemistry analysis of paraffin-embedded Mouse brain using YTHDF3 Rabbit pAb (A8395) at dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.

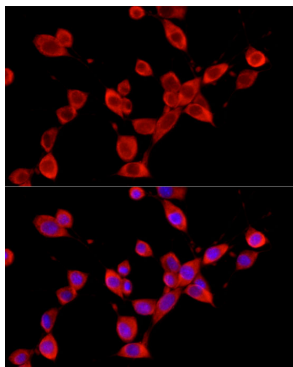


Immunohistochemistry analysis of paraffin-embedded Rat brain using YTHDF3 Rabbit pAb (A8395) at dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.

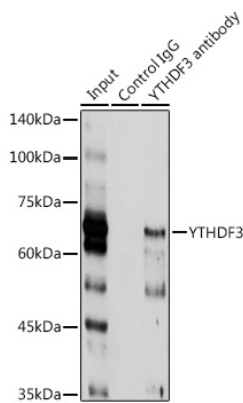


Immunofluorescence analysis of HeLa cells using YTHDF3 Rabbit pAb (A8395) at dilution of 1:50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.

Validation Data



Immunofluorescence analysis of NIH/3T3 cells using YTHDF3 Rabbit pAb (A8395) at dilution of 1:50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunoprecipitation analysis of 300 µg extracts of HT-1080 cells using 3 µg YTHDF3 antibody (A8395). Western blot was performed from the immunoprecipitate using YTHDF3 antibody (A8395) at a dilution of 1:1000.